

## NORTH CASCADES NATIONAL PARK

### PUBLIC USE REPORTING AND COUNTING INSTRUCTIONS

Following are detailed instructions for collecting and reporting data to be entered on Form 10-157, Revised, Monthly Public Use Report by **North Cascades National Park**. These instructions are effective the date of issuance and will continue in effect unless changed by amendment or by memorandum from the Socio-Economic Studies Division to the superintendent approving a requested change.

Each item below describes the procedures to be followed in collecting public use data and summarizing the various elements of those data for entry on the corresponding line on the 10-157, Monthly Public Use Report.

#### Recreation Visits

1. An inductive loop traffic counter is placed across Cascade River Road. The traffic count is divided by two (2) to adjust for vehicles entering and exiting. The adjusted traffic count is reduced for non-reportable vehicles (31 per month). The reduced traffic count is multiplied by the current persons-per-vehicle multiplier of 2.4.
2. The number of visitors taken to High Bridge, on park and/or concessionary operated shuttle buses, is multiplied by 0.5 to estimate the number of visitors who hike-in the park.
3. The number of visitors taken above High Bridge on park operated shuttle buses.
4. The number of private vehicles observed by park rangers at or above High Bridge. The vehicle count is multiplied by the persons-per-vehicle multiplier of 2.4.
5. The number of visitors who hike in that were not issued backcountry permits. This count is obtained during backcountry permit checks.
6. The number of backcountry overnight stays.

#### Recreation Visitor Hours

1. The total recreation visits is multiplied by five hours (5.0).
2. The total overnight stays is multiplied by twenty hours (20.0).

#### Overnight Stays

NPS Backcountry - High Bridge, Tumwater, Dolly Varden, Shady, Bridge Creek (non--groups), Park Creek, Flat Creek, Cottonwood, and miscellaneous hike-in sites

The number of backcountry overnight stays. This is determined by permits issued.

NPS Miscellaneous - Bridge Creek Group campsite

The number of group camper overnights.

#### Special Use Data

- |         |  |
|---------|--|
| Line a. | Shuttle bus visitors above High Bridge (park operated)       |
| Line b. | Shuttle bus visitors at High Bridge (park operated)          |
| Line c. | Shuttle bus visitors at High Bridge (concessionary operated) |
| Line n. | The number of tour buses                                     |

**\*If the traffic counter records less than 100 vehicles in any month, non-reportable vehicles will be computed as zero.**